

## ABSTRACT

A vehicle for running on rail is provided, which has the capability of achieving smooth running, while moderately gripping the rail. This vehicle has  
5 a base, a pair of first and second wheels held by the base to be rotatable on an upper surface of the rail and spaced from each other in an extending direction of the rail, a third wheel held by the base to be rotatable on a lower surface of the rail, and a motor for rotating the first wheel. The first wheel is positioned  
10 between the second and third wheels in the extending direction of the rail, and the second wheel is held by the base through a cushioning member. When the vehicle is tilted due to an elastic deformation of the cushioning member for the second wheel, gripping forces of the first and third wheels on the rail increase.